[1113] Still referring to FIGS. **240**A-**240**B, in some embodiments, in practice, following the filling of the reservoir **908**, the filling syringe **6062** may be removed from the filling aid **6004**. The fill adapter **6000** remains in the locked position with respect to the disposable housing assembly **6002** (see FIG. **230**). In some embodiments, it may be desirable to "prime" the fluid lines in the disposable housing assembly **6002**, i.e., to force fluid from the reservoir **908** through the fluid path and through the exit such that air is purged from the fluid path and replaced with fluid. The button assemblies **6031**, **6032**, **6033**, **6034**, **6035**, **6036**, **6037**, **6038**, of the fill adapter **6000**, when actuated by the button assembly actuator **6046**, apply pressure onto the reservoir membrane and force fluid out of the reservoir and into the fluid path.

[1114] Referring now also to FIG. **226**A, the button assembly actuator **6046** is springedly attached by at least one spring assembly **6092** to the remainder of the filling aid **6000** such that upon force being applied to the button assembly actuator **6046**, the button assembly actuator **6046** is depressed into the cavity portion of the filling aid **6000**. Upon the disposable housing assembly **6002** being engaged with the filling aid **6000**, upon force being applied to the button assembly actuator **6046**, the button assembly actuator **6046** is depressed into the cavity portion of the filling aid **6000** and the button assemblies **6031**, **6032**, **6033**, **6034**, **6035**, **6036**, **6037**, **6038** interact with the apertures **6039**, **6040**, **6041**, **6042**, **6043**, **6044**, **6045**, **6047** on the disposable housing assembly **6002**. As force continues to be applied to the button assembly actuator **6046**, the disposable housing assembly **6002** will be primed with fluid from the reservoir **908**.

[1115] Referring now also to FIGS. **241**A and **241**B, in some embodiments, the fill adapter **7000** may include "scalloped" edges which may be desirable for many reasons, including, but not limited to, ergonomic handling of the fill adapter **7000**. Another embodiment of the filling aid **7004** is shown attached to a filling syringe **6062**. In some embodiments, the button assembly actuator **7046** may actuate button assemblies **7032**, **7034**, **7036**. In some embodiments, the button assembly actuator **7046** may include a pump chamber plunger **6050**, which functions as discussed above with respect to various embodiments where the button assembly actuator **7046** includes a pump chamber plunger **6050**. Various embodiments of the fill adapter **7000** may include icons to indicate the direction to rotate the fill adapter **7000** with respect to the disposable housing assembly **6002**. For example, in some embodiments, the fill adapter **7000** may include "locked" and/or "unlocked" icons and/or directional "arrows" to indicate the direction rotate the fill adapter **7000** with respect to the disposable housing assembly **6002**. In some embodiments of this embodiment of the fill adapter **7000**, the fill adapter **7000** may include locking tabs **7052** to lock the fill adapter **7000** to the disposable housing assembly **6002**.

[1116] Referring now also to FIG. **242**A-**242**E, in some embodiments, the fill adapter **8000** may include a top portion **8010**, including a button assembly actuator **8046** and a catch feature **8008**, and a bottom portion **8012**, including a locking feature **8006**, wherein the top portion **8010** and bottom portion **8012** are hingably connected. The disposable housing assembly **6002** may be inserted between the top portion **8010** and bottom portion **8012** and the top portion **8010** and bottom portion **8012** may move towards one another by applying force either to one with respect to the other, or to both the top portion **8010** and the bottom portion **8012**, such that the fill adapter **8000** is in a closed position. In the closed position, the locking feature **8006** on the bottom portion **8012** interlocks with the catch feature **8008** to maintain the fill adapter **8000** in the closed/locked positions. Once the reservoir has been filled as desired, the button assembly actuator **8046** may be pressed to prime the disposable housing assembly as described herein. In various embodiments, once the filling aid **6004** is attached to the fill adapter **8000** in the closed position, the fill adapter **8000** may not be unlocked/opened as the filling aid interferes with releasing the catch feature **8008**. This may be desirable for many reasons, including, but not limited to, preventing the removal of the disposable housing assembly while the filling needle **8014**/filling syringe **8062** is engaged with the septum in the reservoir. This may prevent unintentional tearing of the septum or other damage.

[1117] In some embodiments, the fill adapter **8000** may include a foot **8014** which may provide the fill adapter **8000** in an angled position above horizon. This may be desirable/beneficial for many reasons, including, but not limited to, air management and/or holding the fill adapter **8000** at an ergonomic angle for filling by a user.

[1118] The underside of the top portion **8010** of the fill adapter **8000** is shown in FIG. **242**D. The underside includes a pump chamber plunger **8050** which works as discussed above with respect to the embodiment shown in FIG. **226**A.

[1119] In various embodiments, the fill adapter may be a reusable portion and the filling aid and filling syringe may be disposable/limited (e.g., one time) use portions. In some embodiments, the disposable housing assembly may be packaged with a filling aid and/or with a filling syringe.

[1120] In some embodiments, the fill adapter may be packaged with a predetermined number of filling aids and/or with a predetermined number of filling syringes, e.g., **1** fill adapter packaged with 10 filling aids and 10 disposable housing assemblies. These numbers are examples only, and in various embodiments, the numbers may vary including being higher or lower than the examples given.

[1121] While the principles of the invention have been described herein, it is to be understood by those skilled in the art that this description is made only by way of example and not as a limitation as to the scope of the invention. Other embodiments are contemplated within the scope of the present invention in addition to the exemplary embodiments shown and described herein. Modifications and substitutions by one of ordinary skill in the art are considered to be within the scope of the present invention.

What is claimed is:

1. A filling aid comprising:

a needle housing portion comprising at least one tab having a starting position and a filling position; and

a filling needle cradle comprising a filling needle, the filling needle cradle slidably connected to the needle housing portion and having a starting position and a filling position,

wherein when the at least one tab on the needle housing moves from a starting position to a filling position, the filling needle cradle slides from a starting position to a filling position, and